



P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-226-5772 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-226-2802 (Intl)

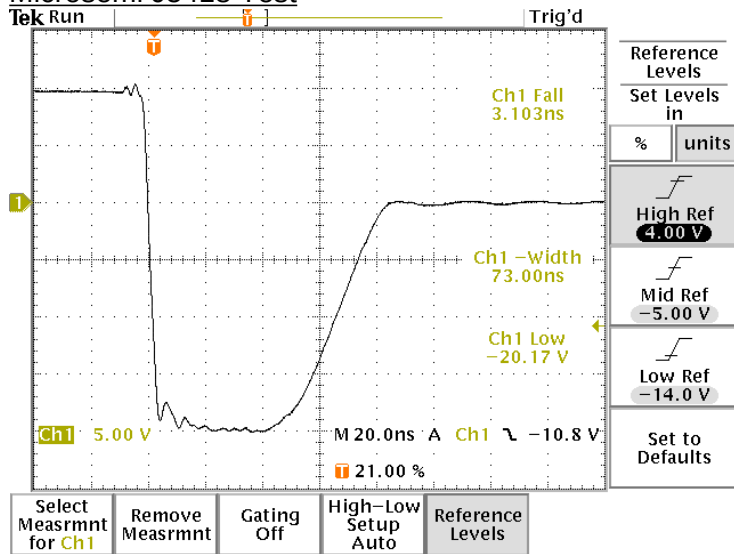
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AVR-EB4-B
Type: Semiconductor Device Tester
S.N.: 11713
Date: April 27, 2007

Microsemi J5418 Test



- a) Output Amplitude: to +2A, -4A
- b) Pulse Width (FWHM): 2 – 20 us
- c) Switching Time (+ to -, 20%-80%): < 3 ns
- d) PRF: 1 Hz – 100 Hz
- e) Jitter, Stability: OK
- f) Prime Power: 100-240V AC, 50-60 Hz.

Output of AVX-TRRA test jig, for a 100 Hz, +100V/20 us, -200V/20us signal applied to a J5418 diode installed in the test jig.

5V (1A) / div, 20 ns/div.

A reverse recovery time of approximately 73 ns is observed. For additional results and commentary, see the "Typical Results" section of the manual, which contains numerous additional waveforms obtained with this instrument.

References levels: 20%, 80%.